SPECIFICATION AMENDMENTS

None

CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

• Before this Amendment: Claims 1, 3, and 7-19.

• After this Amendment: Claims 1, 3, 9-13, 15 and 18-19.

Non-Elected, Canceled, or Withdrawn claims herein: Claims 7-8, 14 and

15-16.

Amended claims: Claims 1, 9, 13, and 18-19.

New claims: None



Claims:

(Currently Amended) A method for stylizing vide utilizing a 1.

processor and a memory, comprising:

performing a spatio-temporal segmentation analysis on the video to

identify three dimensional volumes of contiguous pixels having a similar color;

receiving an interactive user input identifying a group of the three

dimensional volumes, wherein the three dimensional volumes of contiguous

pixels comprise segments, wherein the interactive user input comprises outlining

a plurality of segments, the outlining being performed on a number of

kevframes of the video, the number of keyframes being fewer than a total

number of frames of the video, and additional segments on frames of the video

other than keyframes are identified by determining a relationship of the

additional segments to the segments outlined on the keyframes; and

identifying the group of three dimensional volumes as a single semantic

region.

2. (Canceled)

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3. (Original) The method of claim 1, wherein the spatio-temporal segmentation analysis comprises an anisotropic kernel mean shift segmentation procedure.

4 - 8. (Canceled)

9. (Currently Amended) The method of claim [[8]] 1, wherein the relationship comprises at least a portion of the additional segments being enclosed by one or more of the segments outlined on the keyframes.

10. (Original) The method of claim 9, wherein the at least a portion comprises at least a majority of pixels of the additional segments.

11. (Original) The method of claim 1, further comprising applying a stylization to the single semantic region.

12. (Original) The method of claim 11, wherein the stylization comprises a mean shift technique.

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13. (**Previously Presented**) A computer-readable medium having

computer-executable instructions for stylizing video, the instructions comprising:

performing a spatio-temporal segmentation analysis on the video to

identify three dimensional volumes of contiguous pixels having a similar color;

receiving an interactive user input identifying a group of the three

dimensional volumes, wherein the three dimensional volumes of contiguous

pixels comprise segments, wherein the interactive user input comprises outlining

a plurality of segments; [[and]]

identifying the group of three dimensional volumes as a single semantic

region; and

deriving a set of edge sheets that represent the surface of the single

semantic region and associating the edge sheets with the semantic region,

wherein a thickness of the edge sheets is determined based on criteria

associated with the single semantic region and the criteria comprises a position

of the edge sheet relative to an arclength of the edge sheet.

14. (Canceled)

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15. (Original) The computer-readable medium of claim 14, further comprising rendering the edge sheets as a curve between the semantic region and another portion of the video.

16 - 17. (Canceled)

18. (Currently Amended) The computer-readable medium of claim

[[16]] 13, wherein the criteria comprises a duration of existence of the semantic

region in the video.

19. (Currently Amended) The computer-readable medium of claim

[[16]] 13, wherein the criteria comprises a movement of the semantic region in

the video.

20 - 25. (Canceled)

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